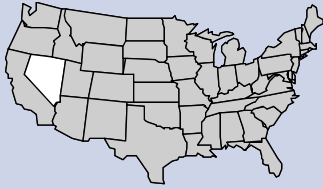


Economic Investments in Nevada



Office of Building Technology, State and Community Programs (BTS)

BTS works with partners in the private and non-profit sectors and in state and local governments to make the nation's residential and commercial building stock more energy-efficient, comfortable, affordable, and sustainable.

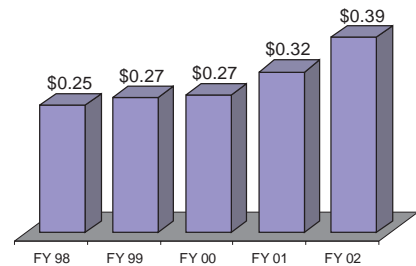
The mission of DOE's Office of Energy Efficiency and Renewable Energy is to promote a strong economy, cleaner environment, and more secure future through the development and deployment of energy efficient and renewable energy technologies.

BTS invested a total of \$3.9 million in Nevada in Fiscal Years 2001 and 2002



The Nevada Office of Energy in Carson City, through the State Energy Program (SEP) formula grant, received \$321,000 in FY 2001 and \$394,000 in FY 2002 for a variety of activities including implementation of the State Energy Plan, improving State Building Energy Codes, and implementing public education and awareness efforts.

Nevada State Energy Program
(millions of dollars)



The University of Nevada in Reno received \$1,801,574 in FY 2001 as Grant Program Support of the Energy Efficiency Science Initiative. Funding is for the installation and checkout of the 25 kW dish system at the University of Nevada, part of the Adaptive Full-Spectrum Solar Energy Systems.



Rocky Research, Inc. in Bolder City received \$675,000 in FY 2000 in cost-shared funding with the gas industry to begin the design and scale-up of residential GAX heat pump technology to light commercial gas chillers and heat pumps. Rocky also received \$175,000 to continue heat exchanger development for the Hi-Cool heat pump and assist in developing a Sealed Module and critical components for absorption heat pumps and chillers. The goal is to bring the technology out of the laboratory and into a manufacturing facility for development and testing of prototype units.



Rebuild Clark County, Rebuild Henderson, Rebuild Nevada, Rebuild Pershing Schools, and Rebuild Reno, along with 17 other community partners received technical assistance from the Rebuild America program valued at a combined total of \$440,000 in FY 2002. This program accelerates energy efficiency improvements in existing commercial, institutional and multifamily residential buildings through private-public partnerships created at the community level. It also assists with business planning, technical product development, marketing, workshops, and training for its partners.



The Nevada Office of Energy in Carson City received \$153,434 in FY 2000 from the SEP Special Projects Office of Codes and Standards to assess the rate of code compliance with the MEC in jurisdictions that have adopted the code and to increase energy code enforcement through education in the jurisdictions that have adopted a version of the MEC.



Economic Investments in Nevada



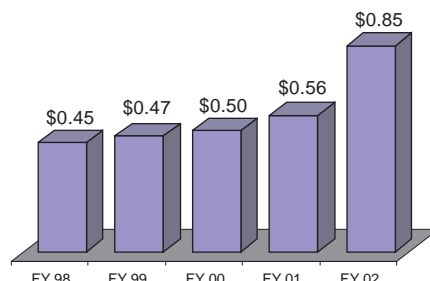
Office of Building Technology, State and Community Programs (BTS)

America's buildings — our homes, workplaces, and institutional buildings — consume roughly \$230 billion worth of energy each year. The average family spends about \$1,300 on home energy. Energy for buildings has environmental as well as economic implications: its production, distribution, and use affect our environment and health through the emission of carbon dioxide, sulfur dioxide and nitrogen oxides.



The **Weatherization Assistance Program**, through the Nevada Housing Division and local service providers (e.g., community action agencies) is working to increase energy efficiency and reduce the burden of energy costs to low-income Nevada residents, especially households with elderly residents, individuals with disabilities, and families with children. In FY 2001, Federal funding combined with leveraged state and local resources resulted in the weatherization of approximately 218 homes. In FY 2002, Nevada was awarded \$845,342 in weatherization funding.

Nevada Weatherization
(millions of dollars)



Collier Corporation in **Reno** received \$100,000 in FY 2000 for work in advanced desiccant technologies which have potential to lower cooling energy costs and improve indoor air quality.



As part of the Building America program, **Pulte Home Corporation** received technical assistance valued at \$110,000 in FY 2002 through the Building Science Consortium to support the planning and design of the **Angel Park, Arbor View, Cottonwood Terrace, Crown Ridge, Cypress Pointe, Eden Ridge, Stallion Mountain, Sienna Vista, Breamoor Heights, Cortina Hills, and Country Gardens** in **Las Vegas**, where 1017 homes of a planned buildout of 1605 are completed. Building America is an industry-driven program helping to stimulate major changes in how residential buildings are designed, built, and delivered to the consumer. The program applies systems engineering in order to accelerate the adoption of building processes and technical innovations which result in energy efficient, environmentally sensitive, affordable, and adaptable residences on a community-wide scale.